February 14, 2008

Gerardo Rios U.S. EPA – Region IX – Air – 3 75 Hawthorne Street San Francisco, CA 94105

Subject: Title V Permit to Operate Revision

Dear Mr. Rios:

Attached is the draft Section D of the Title V permit for Los Angeles City, Department of Airport (ID800335). This is a de minimis significant permit revision, which is subject to EPA review and approval.

The following changes have been incorporated into the draft permit:

### Devices D124 and D125

Two emergency internal combustion engines under Application Nos. 475663 and 475664 are proposed for installation. Pursuant to District Rule 212(g), AQMD has notified EPA on December 26, 2007 for comments about the installations of these devices.

#### Devices D1, D3, D86, D87 and D88

These devices are emergency diesel engines, which are subject to District Rule 1470. Language has been added to conditions C1.11 and C1.21 to limit the hours of maintenance and testing per rule requirement.

#### Devices D5 and D107

The emergency diesel engines are no longer in service. Therefore, these devices are removed from the permit.

If you have any questions concerning these changes, please call the processing engineer, Mr. Thai Tran at (909) 396-2562.

Sincerely,

Michael D. Mills

Michael D. Mills Senior. Manager General Commercial and Energy Team Engineering and Compliance

MDM:RGC:TT Enclosure

Certified Mail
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Section D Page: 1 Facility I.D.: 800335 Revision #:

DRAFT Date: February 12, 2008

# **FACILITY PERMIT TO OPERATE** LA CITY, DEPT OF AIRPORT

## SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL CO	MBUSTI	ON ENGINE	S		
System 1 : EMERGENCY					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL NO. 3406, WITH AFTERCOOLER, TURBOCHARGER, 378 HP A/N: 475954	DI		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995; RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.11, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL NO. 3406DI, WITH TURBOCHARGER, 375 HP A/N: 475955	D3		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995; RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.11, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL NO. 3208, WITH TURBOCHARGER, 269 HP A/N: 245857	D4		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995; RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NATURAL GAS, HERCULES, MODEL NO. G0339, 69 HP A/N: 245863	D7		NOX: PROCESS UNIT**	NOX: 3400 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-7-1995; RULE 2012,4-9- 1999]; PM: (9) [RULE 404,2- 7-1986]	C1.4, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL NO. NT855G2, WITH TURBOCHARGER, 355 HP A/N: 245849	D8		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995;RULE 20/2,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12

(1)(1A)(1B) Denotes RECLAIM emission factor

Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

Section D Facility 1.D.:

Page: 2 800335

Revision #: Date: February 12, 2008

# **FACILITY PERMIT TO OPERATE** LA CITY, DEPT OF AIRPORT

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL CON	<b>ABUSTI</b>	ON ENGINE	:S		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL NO.61PO1533, WITH AFTERCOOLER, TURBOCHARGER, 1100 HP A/N: INACTIVE	D10		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995;RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, C177.1, D12.1, E71.8, E71.9, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, V3W AIRFIELD, DIESEL FUEL, CATERPILLAR, MODEL NO. 62B9562, WITH TURBOCHARGER, 245 HP A/N: 245854	DH		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995;RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, V3E AIRFIELD, DIESEL FUEL, CATERPILLAR, MODEL NO. D343, WITH TURBOCHARGER, 420 HP A/N: 245853	D12		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995;RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, LIQUIFIED PETROLEUM GAS, NATURAL GAS, CUMMINS, MODEL NO. G855, 210 HP A/N: 245850	D13		NOX: PROCESS UNIT**	NOX: 3400 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-7-1995; RULE 2012,4-9- 1999]; NOX: 139 LBS/1000 GAL LPG (1) [RULE 2012,12-7- 1995 RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, D12.1, K67.12



Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9)See App B for Emission Limits (2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

Section D Facility I.D.: Page: 3 800335 DRAFT

Revision #: DRAFT Date: February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

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Process 1: INTERNAL CO	MBUSTI	ON ENGINE	S		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL NO. 6C5A8.3G1, WITH AFTERCOOLER, TURBOCHARGER, 264 HP A/N: 436558	D14		NOX: PROCESS UNIT**	NOX: 3.7 LBS/HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10- 1996;RULE 1303(a)(1)-BACT, 12-6- 2002]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995	C1.4, C1.21, C177.1, D12.1, D135.1, E71.6, E71.7, K67.12
·			,	RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]; ROG: 0.11 LBS/HR DIESEL (4) {RULE 1303(a)(1)-BACT,5-10- 1996	
				RULE 1303(a)(1)-BACT,12-6- 2002]	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, V2N AIRFIELD, DIESEL FUEL, CUMMINS, MODEL NO. NT855G5, WITH TURBOCHARGER, 390 HP A/N: 245848	D16		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995; RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, JOHN DEERE, MODEL CD6359T, WITH TURBOCHARGER, 141 HP A/N: 245846	D17		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995;RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, KOMATSU, MODEL 0671T, WITH TURBOCHARGER, 191 HP A/N: 245847	D19		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995; RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12

(1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit (5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

\*\* Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

Section D Page: 4
Facility I.D.: 800335
Revision #: DRAFT
Date: February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

## SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL COM	4BUSTI	ON ENGINE	S		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, JOHN DEERE, MODEL 4239 T, WITH AFTERCOOLER, TURBOCHARGER, 92 HP A/N: 267092	D25		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995;RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL NTA855-G3, WITH AFTERCOOLER, TURBOCHARGER, 535 HP A/N: 269578	D26		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995;RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, DAYTON, MODEL 4W121, 60 HP A/N: 300846	D56	•	NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995; RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, C177.1, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, HINO, MODEL SD100, 150 HP A/N: 300850	D58		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995; RULE 2012, 4-9-1999]; PM: (9) [RULE 404,2-7-1986]	· C1.4, C1.18, C177.1, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, VI AIRFIELD, DIESEL FUEL, DETROIT DIESEL, MODEL 7123-7406, 750 BHP A/N: 317969	D63		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995; RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, C177.1, D12.1, K67.12

(1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit (5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

<sup>\*\*</sup> Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

Section D

Page: 5 800335

Facility I.D.: Revision #: DRAFT Date: February 12, 2008

# **FACILITY PERMIT TO OPERATE** LA CITY, DEPT OF AIRPORT

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL CON	<b>MBUSTI</b>	ON ENGINE	LS .		- -
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, DETROIT DIESEL, MODEL 8063-7416 (6V-92 TA), WITH AFTERCOOLER, TURBOCHARGER, 474 HP A/N: 436556	D80		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995; RULE 2012,4-9-1999]; PM: 0.4 GRAM/BHP-HR (5) [RULE 1470,6-1-2007]  PM: (9) [RULE 404,2-7-1986]	C1.4, C1.21, D12.1, E71.6, E71.7, E193.1, K67.12
	<u> </u>				
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3508 DITA, WITH AFTERCOOLER, TURBOCHARGER, 1199 HP A/N: 436555	D81		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995; RULE 2012,4-9-1999]; PM: 0.15 GRAM/BHP-HR (5) [RULE 1470,6-1-2007]	C1.4, C1.11, D12.1, E71.4, E71.5, E193.3, K67.12
				PM: (9) [RULE 404,2-7-1986]	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, PERKINS, MODEL 4.236T, SERIAL NO. U783502C, WITH TURBOCHARGER, 94 HP A/N: 329652	D82		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995; RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, E193.2, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, PERKINS, MODEL 4.236T, SERIAL NO. U771128B, WITH TURBOCHARGER, 94 HP A/N: 329653	D83		NOX: PROCESS UNIT** ·	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995;RULE 2012,4-9-1999]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, E193.2, K67.12

(1)(1A)(1B) Denotes RECLAIM emission factor

(5)(5A)(5B) Denotes command and control emission limit

See App B for Emission Limits

(7)

Denotes RECLAIM concentration limit

Denotes NSR applicability limit

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

<sup>\*\*</sup> Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

Date: February 12, 2008

Page: 6 800335 DRAFT

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COM	ABUSTI6	ON ENGINE	:S		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, PERKINS, MODEL 4.236T, SERIAL NO. U771129B, WITH TURBOCHARGER, 94 HP A/N: 329654	D84		NOX: PROCESS UNIT**	NOX: 0.4 GRAM/BHP-IIR (5) [RULE 1470,6-1-2007]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995; RULE 2012,4-9-1999]  PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, E193.2, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, PERKINS, MODEL 4.236T, SERIAL NO. U783502C, WITH TURBOCHARGER, 94 HP A/N: 329655	D85		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) (RULE 2012,12-7- 1995;RULE 2012,4-9-1999); PM: (9) (RULE 404,2-7-1986)	C1.4, C1.18, · D12.1, E193.2, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, V2S AIRFIELD, DIESEL FUEL, CATERPILLAR, MODEL 3306 DITA, WITH AFTERCOOLER, TURBOCHARGER, 349 HP A/N: 475957	D86		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)- BACT,5-10-1996]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995; RULE 2012,4-9-1999]  NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005,4-9- 1999]; PM: (9) [RULE 404,2-	C1.4, C1.11, D12.1, K67.12
				7-1986]; PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996]	•.

(1)(1A)(1B) Denotes RECLAIM emission factor

3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

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(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

<sup>\*\*</sup> Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

Section D Page: 7
Facility I.D.: 800335
Revision #: DRAFT
Date: February 12, 2008

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL COM	<b>ABUSTI</b>	ON ENGINE	iS .		
				ROG: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)- BACT,5-10-1996]	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3412 DITA, WITH AFTERCOOLER, TURBOCHARGER, 823 HP A/N: 475958	D87		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)- BACT,5-10-1996]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995; RULE 2012,4-9-1999]  NOX: 6.9 GRAM/BHP-HR	C1.4, C1.21, D12.1, K67.12
				DIESEL (4) [RULE 2005,4-9- 1999]; PM: (9) [RULE 404,2- 7-1986]; PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10- 1996]	
			,	ROG: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)- BACT,5-10-1996]	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3306 DITA, SERIAL NO. 9NR04105, WITH AFTERCOOLER, TURBOCHARGER, 349 HP A/N: 475959	D88		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)- BACT,5-10-1996]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995; RULE 2012,4-9-1999]	C1.4, C1.11, D12.1, K67.12

(1)(1A)(1B) Denote	S RECLAIM	emission	factor
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(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

See App B for Emission Limits

(7) Denotes NSR applicability limit

(2)(2A)(2B) Denotes RECLAIM emission rate

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Section D Page: 8 Facility I.D.: 800335 Revision #:

Date: February 12, 2008

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL C	OMBUSTI	ON ENGINE	IS .		
				NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005,4-9- 1999] ; PM: (9) [RULE 404,2- 7-1986] ; PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10- 1996]	:
				ROG: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)- BACT,5-10-1996]	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEI JOHN DEERE, MODEL 6068T, 166 BI A/N: 367015			NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)- BACT,5-10-1996]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995; RULE 2012,4-9-1999]	C1.4, C1.18, D12.1, K67.12
-				NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005,4-9- 1999] ; PM: (9) [RULE 404,2- 7-1986] ; PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10- 1996]	
				ROG: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)- BACT,5-10-1996]	

:	(1)(1A	O(1R) Denotes	RECLAIM.	emission	factor

Denotes RECLAIM concentration limit (5)(5A)(5B) Denotes command and control emission limit

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See App B for Emission Limits

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(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

(10)See Section J for NESHAP/MACT requirements

Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

Section D Facility I.D.: Page: 9 800335 DRAFT

Revision #: DRAFT Date: February 12, 2008

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL CON	ABUSTI0	ON ENGINE	S		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, DETROIT DIESEL, MODEL 6063-HK35, WITH TURBOCHARGER, 635 BHP A/N: 371864	D92		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)- BACT,5-10-1996]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995; RULE 2012,4-9-1999]  NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005,4-9- 1999]; PM: (9); PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-	C1.4, C1.18, D12.1, K67.12,
				1996]  ROG: 1 GRAM/BHP-HR  DIESEL (4) [RULE 1303(a)(1)- BACT,5-10-1996]	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL NTA855-G2, WITH AFTERCOOLER, TURBOCHARGER, 465 HP A/N: 340744	D101	1	NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1); PM: (9)	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, JOHN DEERE, MODEL 6081AF001, WITH TURBOCHARGER, 300 BHP A/N: 388358	D103		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)- BACT,5-10-1996]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995; RULE 20/2,3-16-200/]	C1.4, C1.11, D12.1, K67.12

(1)(1A)(1B) Denotes RECLAIM emission factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

See App B for Emission Limits

(7) Denotes NSR applicability limit

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

<sup>\*\*</sup> Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

Section D Page: 10
Facility 1.D.: 800335
Revision #: DRAFT
Date: February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

## SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: INTERNAL CO	MBUSTI	ON ENGINE	S.		
				NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005,4-9- 1999;RULE 2005,4-20-2001]; PM: 0.15 GRAM/BHP-HR (5A) [RULE 1470,6-1-2007]	- 1.
				PM: (9); PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10- 1996] ; ROG: 1 GRAM/BHP- HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996]	·
INTERNAL COMBÚSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3208ATAAC, WITH AFTERCOOLER, TURBOCHARGER, 292 HP A/N: 448947	D121		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7- 1995; RULE 2012,3-16-2001]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, E71.8, E71.9, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, SERIEL NO. 33165395, DIESEL FUEL, CATERPILLAR, MODEL QSK50-G4, WITH AFTERCOOLER, TURBOCHARGER, 2220 HP A/N:	D124		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,5-6- 2005]; PM: 0.15 GRAM/BHP- HR (5) [RULE 1470,6-1-2007]; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.11, D12.1, E71.4, E71.5, K67.12



3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

<sup>\*\*</sup> Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

Section D Page: 11
Facility I.D.: 800335
Revision #: DRAFT
Date: February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

## SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : INTERNAL CON	<b>IBUSTI</b>	ON ENGINE	S		
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, SERIAL NO. 33170868, DIESEL FUEL, CATERPILLAR, MODEL QSK50-G4, WITH AFTERCOOLER, TURBOCHARGER, 2220 HP A/N:	D125		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (!); PM: 0.15 GRAM/BHP-HR (5); PM: (9)	C1.4, C1.11, D12.1, E71.4, E71.5, K67.12
Process 2 : COGENERATIO	N				
System 1 : COGENERATIO	N SYSTI	EM NO.1			<u>-</u> **
GAS TURBINE, NATURAL GAS, DETROIT, MODEL NO. WLTA 40000 CME, WITH STEAM OR WATER INJECTION, 50.053 MMBTU/HR WITH A/N: 125490	D27	S113	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982]; NOX: 40 PPMV NATURAL GAS (4) [RULE 2005,4-9-1999]; NOX: 146 -PPMV (8) [40CFR 60 Subpart GG,3-6-1981] PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]; SOX: 500 PPMV (5) [RULE 407,4-2-1982]	A63.2, C8.1, D12.2
STACK  BOILER, WASTE HEAT RECOVERY TYPE, SERIAL NO. 8304-456-B	S113	D27			D82.5

*	(1)(1A)(1	R\Denotes	RECLAIM	emission	factor

(3) Denotes RECLAIM concentration limit

(5) Denotes RECLAIM concentration limit (5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

(10) See Section J for NESHAP/MACT requirements

\*\* Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

Section D Page: 12
Facility I.D.: 800335
Revision #: DRAFT
Date: February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

## SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : COGENERATIO	N				
System 2 : COGENERATIO	N SYSTI	EM NO.2			
GAS TURBINE, NATURAL GAS, DETROIT, MODEL NO. WLTA 40000 CME, WITH STEAM OR WATER INJECTION, 50.053 MMBTU/HR WITH A/N: 125489	D28	S114	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 40 PPMV NATURAL GAS (4) [RULE 2005,4-9-1999] ; NOX: 146 PPMV (8) [40CFR 60 Subpart GG,3-6-1981]	A63.2, C8.1, D12.2
			·	PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; SOX: 500 PPMV (5) [RULE 407,4-2-1982]	
STACK	S114	D28			D82.5
BOILER, , WASTE HEAT PRECOVERY TYPE, SERIAL NO. 8304-456-A					
Process 3 : EXTERNAL CO	MBUSTI	ION			
System 1 : BOILERS					
BOILER, DIESEL FUEL, NATURAL GAS, COMBUSTION ENGINEERING, MODEL NO. HCC-A-6, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 27.5 MMBTU/HR A/N: 228960	D29		NOX: LARGE SOURCE**	CO: 2000 PPMV (5A)   RULE 407,4-2-1982]; CO: 400 PPMV (5) [RULE 1146,5-13-1994]; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012,12-7-1995	B61.1, B75.2, D328.1, D371.2

4"	(1)(1A)(1B)	Denotes RECLAIM emission factor		(2)(2A)(2B)	Denotes RECLAIM emission rate
	(3)	Denotes RECLAIM concentration limit		(4)	Denotes BACT emission limit
	(5)(5A)(5B)	Denotes command and control emission lim	ıit	(6)	Denotes air toxic control rule limit
	(7)	Denotes NSR applicability limit		(8)(8A)(8B)	Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
	(9)	See App B for Emission Limits		(10)	See Section J for NESHAP/MACT requirements

<sup>\*\*</sup> Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

 Section D
 Page: 13

 Facility I.D.:
 800335

 Revision #:
 DRAFT

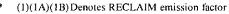
 Date:
 February
 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

## SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: EXTERNAL CO	MBUST	ION			
				RULE 2012, 4-9-1999  ; NOX: 36 PPMV DIESEL (3) [RULE 2012,12-7-1995; RULE 2012, 4-9- 1999] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]	
				SOX: 500 PPMV (5) [RULE 407,4-2-1982]	
BOILER, DIESEL FUEL, NATURAL GAS, COMBUSTION ENGINEERING, MODEL NO. HCC-A-6, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 27.5 MMBTU/HR A/N: 228959	D30		NOX: LARGE SOURCE**	CO: 2000 PPMV (5A) [RULE 407,4-2-1982]; CO: 400 PPMV (5) [RULE 1146,5-13-1994]; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012,12-7-1995]  RULE 2012,4-9-1999]; NOX: 36 PPMV DIESEL (3) [RULE 2012,12-7-1995; RULE 2012,12-7-1995; RULE 2012,4-9-1999]; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]  SOX: 500 PPMV (5) [RULE 407,4-2-1982]	B61.1, B75.2, D328.1, D371.2
BOILER, NO. 1, SERIAL NO. 8716694, NATURAL GAS, YORK SHIPLEY, MODEL 560-SPLV-100N, 4.2 MMBTU/HR A/N: 449404	D117			CO: 2000 PPMV NATURAL GAS (5B) [RULE 407,4-2-1982]; CO: 400 PPMV NATURAL GAS (5) [RULE 1146.1,5-13- 1994]; NOX: 30 PPMV NATURAL GAS (5) [RULE 1146.1,5-13-1994]	D332.1



(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit
 (9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

<sup>\*\*</sup> Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

Section D Page: 14 Facility I.D.: 800335 Revision #: DRAFT Date: February 12, 2008

# **FACILITY PERMIT TO OPERATE** LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Équipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : EXTERNAL CO	MBUST	ION			
				PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981]	
BOILER, NO. 2, SERIAL NO. 8817421, NATURAL GAS, YORK SHIPLEY, MODEL 560-SPLV-100N, 4.2 MMBTU/HR A/N: 449403	D118			CO: 2000 PPMV NATURAL GAS (5B); CO: 400 PPMV NATURAL GAS (5); NOX: 30 PPMV NATURAL GAS (5); PM: 0.1 GRAINS/SCF NATURAL GAS (5)	D332.1
System 3: HOT POT					
POT, DIESEL FUEL, ASPHALT, INTRA-FACILITY PORTABLE, 250 GALS; 0.42 MMBTU/HR A/N: 426687	D112	The state of the s	NOX: PROCESS UNIT**		B27.2, C1.16, D371.2, K67.11
Process 4 : FUEL STORAGE	E		,	,	
System 1:					
STORAGE TANK, UNDERGROUND, NO. 1, DIESEL FUEL, 50000 GALS A/N: 182435	D31	# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			J123.1
STORAGE TANK, UNDERGROUND, NO. 2, DIESEL FUEL, 50000 GALS A/N: 182444	D32				J123.1

•	(1)(1A)(1B) Denotes	RECL	AIM	emission	factor

Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

Section D Page: 15
Facility I.D.: 800335
Revision #: DRAFT
Date: February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

## SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6 : FUELING OPER	ATIONS				
System 1 : STATIONARY					:
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, BALANCE RETRACTOR, (G-70-52-AM), GASOLINE A/N: 440363	D38				D182.1, D182.2; D330.1, E193.5, J110.1, J110.2; J373.1, K67.6
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, BALANCE RETRACTOR, (G-70-52-AM), GASOLINE A/N: 440363	D39				D182.1, D182.2, D330.1, E193.5, J110.1, J110.2, J373.1, K67.6
STORAGE TANK, UNDERGROUND, WITH PHIL-TITE (VR-101-D), GASOLINE, METHANOL COMPATIBLE, WITH PHASE I VAPOR RECOVERY SYSTEM, 20000 GALS A/N: 440363	D40	·			C1.8, C1.10, D182.1, D182.3, D182.4, D182.5, D330.1, E193.5, J109.1, J120.1, J122.1, K67.6
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, BALANCE RETRACTOR, (G-70-52-AM), GASOLINE A/N: 440363	D90				D182.1, D182.2, D330.1, E193.5, J110.1, J110.2, J373.1, K67.6
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, BALANCE RETRACTOR, (G-70-52-AM), GASOLINE A/N: 440363	D91				D182.1, D182.2, D330.1, E193.5, J110.1, J110.2, J373.1, K67.6
BULK MATERIAL LOADING STATION, INCLUDES 30 HYDRANTS WITH DRY BREAK COUPLERS WITH A/N: 471647	D122				C1.20, E71.10, E71.11, K67.15

۱ ۱	(1)	(1A)	(1B)	) Denotes	RECLAIM	emission	factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

<sup>\*\*</sup> Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

 Section D
 Page: 16

 Facility I.D.:
 800335

 Revision #:
 DRAFT

 Date:
 February
 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

## SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6: FUELING OPER	ATIONS				
FUGITIVE EMISSIONS, VALVES	D123				
System 2 : MOBILE			1		1.0
DISPENSE MOBILE FUELER, GASOLINE, GAS/DIESEL DUAL COMPART, (1000 GAL EA.), W/ A PRES/VAC RELIEF VALVE, WITH BOTTOM FILLING, PHASE I VAPOR RECOVERY SYSTEM, 2000 GALS; WIDTH: 7 FT 4 IN; HEIGHT: 5 FT 10 IN; LENGTH: 23 FT A/N: 378805	D93				C1.8, C1.10, D322.2, E193.4, J109.1, J110.1, J397.1
FUEL DISPENSING NOZZLE, VACUUM ASSIST PHASE II CONTROL, GASOLINE, W/ 50 FT COAXIAL HOSE, HEALY MODEL 400 ORVR, WITH PHASE II VAPOR RECOVERY SYSTEM A/N: 378805	D94				D322.2, E193.4, J109.1, J110.1, J397.1
Process 9 : R-219 EXEMPT	EQUIPM	IENT SUBJI	ECT TO SOURCE	E SPECIFIC RULES	
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS	E64				Н23.1
RULE 219 EXEMPT EQUIPMENT, REFRIGERANT RECOVERY AND/OR RECYCLING UNITS,	E65			**************************************	H23.2 .

	(1)(1A)(	1B) Denotes	RECLAIM	emission	factor
--	----------	-------------	---------	----------	--------

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

<sup>\*\*</sup> Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

Section D Facility I.D.: Page: 17 800335

Revision #: DRAFT Date: February 12, 2008

# **FACILITY PERMIT TO OPERATE** LA CITY, DEPT OF AIRPORT

## SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9: R-219 EXEMPT	EQUIPN	IENT SUBJI	ECT TO SOURC	E SPECIFIC RULES	
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E66			ROG: (9) [RULE 1113,11-8- 1996; RULE 1113,5-14-1999; RULE 1171,6-13-1997; RULE 1171,10-8- 1999]	K67.3
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E67			ROG: (9) [RULE 1107,8-14- 1998;RULE 1171,6-13-1997;RULE 1171,10-8-1999]	
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E68			ROG: (9) {RULE 1151,6-13-1997;RULE 1151,12-11-1998;RULE 1171,6-13-1997;RULE 1171,10-8-1999}	
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E69			ROG: (9) [RULE 1136,6-14- 1996;RULE 1171,6-13-1997;RULE 1171,10-8-1999]	
RULE 219 EXEMPT EQUIPMENT, SMALL BOILERS, WATER HEATERS AND PROCESS HEATERS, > 1 MMBTU/HR AND <= 2 MMBTU/HR	E115				H23.4
Process 10 : SHOOTING RA	NGE	I	1	1	
System 1:					
SHOOTING RANGE, INDOOR SOLID BACKSTOP TYPE, NORTH, WIDTH: 19 FT; HEIGHT: 9 FT; LENGTH: 100 FT A/N: 412345	D110				C1.13, C1.14, C1.15, K67.10

					_			_
١ ١	(1)	(1A)	(1B)	) Denotes	RECL	AIM.	emission	factor

(3) Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

See App B for Emission Limits

(7)

Denotes NSR applicability limit

(2)(2A)(2B) Denotes RECLAIM emission rate

(4) Denotes BACT emission limit

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)

(10)See Section J for NESHAP/MACT requirements

\*\* Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

Page: 18 800335 DRAFT Date: February 12, 2008

# **FACILITY PERMIT TO OPERATE** LA CITY, DEPT OF AIRPORT

## SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 10 : SHOOTING RA	NGE				
SHOOTING RANGE, INDOOR SOLID BACKSTOP TYPE, SOUTH, WIDTH: 19 FT; HEIGHT: 9 FT; LENGTH: 100 FT A/N: 420372	D111				C1.13, C1.14, C1.15, K67.10
Process 11 : FILTER					
System 1 : DRY FILTER					
FILTER, BAG, TORIT, MODEL 75-80, VENTING ABRASIVE BLASTING CABINET & FIRE EXTINGUISHER RECHARGING STATION, LENGTH: 1 FT 8 IN; 129 SQ.FT.; DIAMETER: 1 FT 11 IN A/N: 444983	C116				C12.1, D12.4, E202.1, K67.13

(1)(1A)(1B) Denotes RECLAIM emission factor

Denotes RECLAIM concentration limit

(5)(5A)(5B) Denotes command and control emission limit

(7) Denotes NSR applicability limit

(9)

See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate

Denotes BACT emission limit (4)

(6) Denotes air toxic control rule limit

(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)

(10)See Section J for NESHAP/MACT requirements

\*\* Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

 Section D
 Page: 19

 Facility I.D.:
 800335

 Revision #:
 DRAFT

 Date:
 February
 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

**SECTION D: DEVICE ID INDEX** 

The following sub-section provides an index to the devices that make up the facility description sorted by device ID.

 Section D
 Page: 20

 Facility I.D.:
 800335

 Revision #:
 DRAFT

 Date:
 February
 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

# SECTION D: DEVICE ID INDEX

	Device Index For Sec	, <u></u>	
Device ID	Section D Page No.	Process	System
D1	1	11	1
D3	1	1	1
D4	1	1	1
D7	1	1	1
D8	1	1	1
<b>D</b> 10	2	1	1
D11	2	1	1
D12	2	1	1
D13	2	1	1
D14	3	1	1
D16	3	1	1
D17	3	1	1
D19	3	1	1
D25	4	1	1
D26	4	1	1
D27	11	2	1
D28	12	2	2
D29	12	3	1
D30	13	3	1
D31	14	. 4	1
D32	14	4	1
D38	15	6	1
D39	15	6	1
D40	15	6	1
D56	4	1	1
D58	4	1	1
D63	4	1	1
E64	16	9	0
E65	16	9	0
E66	17	9	0
E67	17	9	0
E68	17	, 9	0
E69	17	9	0
D80	. 5	1	1
D81	. 5	1	1
D82	5	1	1

 Section D
 Page: 21

 Facility I.D.:
 800335

 Revision #:
 DRAFT

 Date:
 February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

# SECTION D: DEVICE ID INDEX

	Device Index For Sec	ction D	
· Device ID	Section D Page No.	Process	System
D83	5	1	1
D84	6	1	1
D85	6	1	. 1
D86	6	1	1
D87	7	1	1
D88	7	1	1
D89	8	1	1
D90	15	6	1
D91	15	6	· 1
D92	9	1	1
D93	16	6	2
D94	16	6	2
D101	9	1	1
D103	9	1	1
D110	17	10	1
D111	18	10	1
D112	14	3	3
S113	11	2	1
S114	12	2	2
E115	17	9	0
C116	18	11	1
D117	13	3	1
D118	14	3	1
D121	10	1	1
D122	15	6	1
D123	16	6	1
D124	10	1	1
D125	11	1	1

Page: 22 800335 DRAFT

Date:

February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

### **FACILITY CONDITIONS**

F14.2 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

### **DEVICE CONDITIONS**

### A. Emission Limits

A63.2 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 108 LBS PER DAY
PM	Less than or equal to 18 LBS PER DAY
SOX	Less than or equal to 1 LBS PER DAY
Total hydrocarbon	Less than or equal to 48 LBS PER DAY

The operator shall calculate the emission limit(s) when burning natural gas.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition: D27, D28]

### B. Material/Fuel Type Limits

Date:

February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

The operator shall not use sealants or other materials containing any carcinogenic compounds identified in the B27.2 SCAQMD Rule 1401, as amended 05/02/2003.

[RULE 1401, 5-2-2003]

[Devices subject to this condition: D112]

The operator shall not use fuel containing the following specified compounds:

Compound	weight percent
Nitrogen greater than	0.01

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition: D29, D30]

The operator shall not use fuel oil in this equipment except under the following circumstance(s):

A District approved source test has been conducted which demonstrates compliance with rule 1146 while firing fuel oil.

[RULE 1146, 11-17-2000]

[Devices subject to this condition: D29, D30]

### C. Throughput or Operating Parameter Limits

Page: 24 800335

Date:

DRAFT February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

## SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.4 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

[RULE 1110.2, 6-3-2005; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1401, 6-15-2001]

[Devices subject to this condition: D1, D3, D4, D7, D8, D10, D11, D12, D13, D14, D16, D17, D19, D25, D26, D56, D58, D63, D80, D81, D82, D83, D84, D85, D86, D87, D88, D89, D92, D101, D103, D121, D124, D125]

C1.8 The operator shall limit the throughput to no more than 600000 gallon(s) per year.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 6-15-2001]

[Devices subject to this condition: D40, D93]

C1.10 The operator shall limit the throughput to no more than 50000 gallon(s) per month.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 6-15-2001]

[Devices subject to this condition: D40, D93]

C1.11 The operator shall limit the maintenance testing to no more than 50 hour(s) in any one year.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1470, 3-4-2005]

[Devices subject to this condition: D1, D3, D81, D86, D88, D103, D124, D125]

C1.13 The operator shall limit the firing rate to no more than 7600 lead and non-lead bullets in any one day.

For the purpose of this condition, firing rate shall be defined as number of lead and non-lead bullets being fired.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition: D110, D111]

800335 DRAFT

Date:

February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.14 The operator shall limit the firing rate to no more than 57000 lead and non-lead bullets in any one calendar month.

For the purpose of this condition, firing rate shall be defined as number of lead and non-lead bullets being fired.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition: D110, D111]

C1.15 The operator shall limit the firing rate to no more than 205000 lead bullets in any one calendar year.

For the purpose of this condition, firing rate shall be defined as number of lead bullets being fired.

[RULE 1401, 5-2-2003]

[Devices subject to this condition: D110, D111]

C1.16 The operator shall limit the operating time to no more than 80 hour(s) in any one calendar month.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition: D112]

C1.18 The operator shall limit the maintenance testing to no more than 20 hour(s) in any one year.

[RULE 1470, 6-1-2007]

[Devices subject to this condition: D4, D8, D10, D11, D12, D16, D17, D19, D25, D26, D56, D58, D63, D82, D83, D84, D85, D89, D92, D101, D121]

C1.20 The operator shall limit the loading rate of JETA fuel to no more than 7000000 gallon(s) in any one calendar month.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition: D122]

Section D Facility I.D.: Page: 26 800335 DRAFT

Revision #: February 12, 2008

Date:

# **FACILITY PERMIT TO OPERATE** LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.21 The operator shall limit the maintenance testing to no more than 30 hour(s) in any one year.

[RULE 1470, 6-1-2007]

[Devices subject to this condition: D14, D80, D87]

C8.1 The operator shall use this equipment in such a manner that the water-to-fuel ratio being monitored, as indicated below, is not less than 0.8 to 1 ratio.

This condition shall only apply when firing natural gas.

To comply with this condition, the operator shall install and maintain a(n) continuous monitoring system to accurately indicate the water-to-fuel ratio being supplied to the equipment.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-20021

[Devices subject to this condition: D27, D28]

The operator shall use this equipment in such a manner that the the static pressure differential across the filter catridges being monitored as indicated below is less than or equal to 1.5 inches of water column.

[RULE 402, 5-7-1976]

[Devices subject to this condition: C116]

C177.1 The operator shall set and maintain the fuel injection timing of the engine at 4 degrees retarded relative to standard timing.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition: D10, D14, D56, D58, D63]

### D. Monitoring/Testing Requirements

Section D Facility I.D.:

Revisión #:

Date:

800335 DRAFT February 12, 2008

Page: 27

## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D12.1 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 1110.2, 6-3-2005; RULE 1303(b)(1)-Modeling, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1401, 6-15-2001; RULE 1470, 6-1-2007; RULE 2005, 5-6-2005; RULE 2012, 3-16-2001; RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition: D1, D3, D4, D7, D8, D10, D11, D12, D13, D14, D16, D17, D19, D25, D26, D56, D58, D63, D80, D81, D82, D83, D84, D85, D86, D87, D88, D89, D92, D101, D103, D121, D124, D125]

The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the fuel usage of D12.2 the equipment.

> The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The operator shall record the parameter being monitored once every 24 hours.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-

[Devices subject to this condition: D27, D28]

The operator shall install and maintain a(n) gauge to accurately indicate the differential pressure across the filter catridges, measured in inches of water column.

[RULE 402, 5-7-1976]

[Devices subject to this condition: C116]

Page: 28 800335 DRAFT

Date:

February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D82.5 The operator shall install and maintain a CEMS to measure the following parameters:

The CEMS will convert the actual NOX concentrations to mass emission rates (lbs/hr) and record the hourly emission rates on a continuous basis.

NOX concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

The CEMS shall be installed and operated in accordance with an approved AQMD Rule 2012 Protocols CEMS plan application. The operator shall not install the CEMS prior to receiving initial approval from AQMD

[RULE 2012, 3-16-2001; RULE 2012, 5-6-2005]

[Devices subject to this condition: D27, D28]

D135.1 The operator shall inspect, adjust, and certify the ignition or fuel injection timing of this engine a minimum of once every 3 years of operation. Inspections, adjustments, and certifications shall be performed by a qualified mechanic and performed in accordance with the engine manufacturer's specifications and procedures.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition: D14]

Page: 29 800335 DRAFT

Date: February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

## SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D182.1 The operator shall test this equipment in accordance with the following specifications:

The District shall be notified at R461@aqmd.gov or at telephone number (909) 396-3886 at least seventy-two (72) hours prior to testing. This notification shall include, but not limited to, the following items: the name of the owner or operator, the name of the contractors, the location of the facility, and the scheduled start and completion dates of the static pressure leak decay test.

The test shall be conducted as frequently as that required by the most recent Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.

The operator shall conduct a static pressure leak decay test to demonstrate that the storage tank(s), the remote and/or nozzle vapor recovery check valves, associated vapor return piping and fittings are free from vapor leaks.

The test shall be conducted in accordance with CARB Test Procedure Method TP-201.3.

Test results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

[RULE 461, 6-3-2005]

[Devices subject to this condition: D38, D39, D40, D90, D91]

Section D
Facility I.D.:

Page: 30 800335 DRAFT

Revision #: DRAFT Date: February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

## SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D182,2 The operator shall test this equipment in accordance with the following specifications:

The District shall be notified at R461@aqmd.gov or at telephone number (909) 396-3886 at least seventy-two (72) hours prior to testing. This notification shall include, but not limited to, the following items: the name of owner or operator, the name of the contractors, the location of the facility, the scheduled start and completion dates of the liquid removal rate test.

The test shall be conducted as frequently as that required by the most recent Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.

If the CARB Executive Order requires the installation of a liquid removal device, a liquid removal rate test shall be conducted to demonstrate the removal of gasoline from the vapor passage of the coaxial hose.

The test shall be conducted in accordance with CARB Test Procedure Method TP-201.6.

Test results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

[RULE 461, 6-3-2005]

[Devices subject to this condition: D38, D39, D90, D91]

Section D Facility I.D.:

Revision #: February 12, 2008

Date:

Page: 31 800335 DRAFT

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

## SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D182.3 The operator shall test this equipment in accordance with the following specifications:

Depending on the system configuration, a pressure integrity test of the drop tube/drain valve assembly shall be conducted to quantify the pressure integrity of both the drop tube and drain valve seal or a pressure integrity test of the drop tube overfill prevention device and spill container drain valve shall be conducted to quantify the pressure integrity of the drop tube overfill prevention device and the pressure integrity of the spill container drain valve.

Either test shall be conducted as a reverification test.

The test shall be conducted in accordance with test procedure method TP-201.1C or TP-201.1D, respectively.

Test results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

The District shall be notified by e-mail at R461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least seventy-two (72) hours prior to testing. This notification shall include, but not limited to, the following items: the name of the owner or operator, the name of the contractor, the location of the facility, and the scheduled start and completion dates of either the pressure integrity test of drop tube/drain valve assembly or pressure integrity test of the drop tube overfill prevention device and spill container drain valve.

[RULE 461, 6-3-2005]

[Devices subject to this condition: D40]

Date:

Page: 32 800335 DRAFT February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D182.4 The operator shall test this equipment in accordance with the following specifications:

A leak rate and cracking pressure test of pressure/vacuum relief vent valves shall be conducted to determine the pressure and vacuum at which the pressure/vacuum vent valve actuates, and to determine the volumetric leak rate at a given pressure.

The shall be conducted within thirty (30) days after the start of operation of the Phil-Tite phase I EVR equipment and at least once every three (3) years thereafter.

The test shall be conducted in accordance with test procedure method TP-201.1E.

Test results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

The District shall be notified by e-mail at R461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least seventy-two (72) hours prior to testing. This notification shall include, but not limited to, the following items: the name of the owner or operator, the name of the contractor, the location of the facility, and the scheduled start and completion dates of the leak rate and cracking pressure test of pressure/vacuum relief vent valves.

Test results shall be kept on site for five years and made available to District representative upon request.

[RULE 461, 6-3-2005]

[Devices subject to this condition: D40]

Page: 33 800335 DRAFT

Revision #: DRAFT Date: February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

## SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D182.5 The operator shall test this equipment in accordance with the following specifications:

A static torque test of rotatable phase I adaptors shall be conducted as a reverification test to quantify the amount of static torque required to start the rotation of the rotatable phase I adaptors.

The test shall be conducted in accordance with test procedure method TP-201.1B.

Test results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

The District shall be notified by e-mail at R461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least seventy-two (72) hours prior to testing. This notification shall include, but not limited to, the following items: the name of the owner or operator, the name of the contractor, the location of the facility, and the scheduled start and completion dates of the static torque test rotatable phase I adaptors.

#### [RULE 461, 6-3-2005]

[Devices subject to this condition: D40]

D322.2 The operator shall perform a daily inspection and complete the inspection records immediately after each inspection.

[RULE 461, 6-15-2001; RULE 461, 6-3-2005; CARB ORDER G-70-193 (H&S Code 39607(d)), 4-21-2000]

[Devices subject to this condition: D93, D94]

D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 1146 concentration limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition: D29, D30]

DRAFT

Page: 34

800335

Date:

February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D330.1 The operator shall have a person that has been trained in accordance with Rule 461(d)(5) conduct a semi-annual inspection of the gasoline transfer and dispensing equipment. The first inspection shall be in accordance with Rule 461, Attachment B, the second inspection shall be in accordance with Rule 461, Attachment C, and the subsequent inspections shall alternate protocols. The operator shall keep records of the inspection and the repairs in accordance to Rule 461 and Section K of this Permit.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition: D38, D39, D40, D90, D91]

D332.1 The operator shall determine compliance with the CO emission limit(s) by conducting a test at least every five years using a portable analyzer and AOMD-approved test method or, if not available, a non-AOMD approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with 1146.1. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

[RULE 1146.1, 5-13-1994; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition: D117, D118]

Date:

February 12, 2008

Page: 35

# **FACILITY PERMIT TO OPERATE** LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D371.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever this equipment has combusted one million gallons of diesel fuel, to be counted cumulatively over a five year period. The inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall:

Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three working days (or during the next fuel oil firing period if the unit ceases firing on fuel oil within the three working day time frame) and report any deviations to AQMD.

In addition, the operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- Stack or emission point identification; a).
- b). Description of any corrective actions taken to abate visible emissions;
- c). Date and time visible emission was abated; and
- d). Visible emission observation record by a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition: D29, D30, D112]

### E. Equipment Operation/Construction Requirements

The operator shall only operate this equipment for more than 50 hours per year allocated for engine maintenance and testing only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that: 1) the electrical grid operator or electric utility has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and 2) the engine is located in a utility service block that is subject to the rotating outage.

[RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]

[Devices subject to this condition: D81, D124, D125]

Page: 36 800335 DRAFT

#### Revision #: DRAFT Date: February 12, 2008

## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E71.5 The operator shall only operate this equipment for more than 50 hours per year allocated for engine maintenance and testing only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage provided that the engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer immenent or in effect.

[RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]

[Devices subject to this condition: D81, D124, D125]

E71.6 The operator shall only operate this equipment for more than 30 hours per year allocated for engine maintenance and testing only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that:

1) the electrical grid operator or electric utility has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and 2) the engine is located in a utility service block that is subject to the rotating outage.

[RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]

[Devices subject to this condition: D14, D80]

E71.7 The operator shall only operate this equipment for more than 30 hours per year allocated for engine maintenance and testing only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage provided that the engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer immenent or in effect.

[RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]

[Devices subject to this condition: D14, D80]

The operator shall only operate this equipment for more than 20 hours per year allocated for engine maintenance and testing only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that:

1) the electrical grid operator or electric utility has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and 2) the engine is located in a utility service block that is subject to the rotating outage.

[RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]

[Devices subject to this condition: D10, D121]

Page: 37 800335 DRAFT

Revision #: DRAFT Date: February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E71.9 The operator shall only operate this equipment for more than 20 hours per year allocated for engine maintenance and testing only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage provided that the engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer immenent or in effect.

[RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]

[Devices subject to this condition: D10, D121]

E71.10 The operator shall only use this equipment to transfer jet-A fuel.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition: D122]

E71.11 The operator shall only use this equipment to transfer fuel to aircrafts.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition: D122]

E193.1 The operator shall operate and maintain this equipment according to the following specifications:

The fuel injection timing of this engine shall be set and maintained at 1.7 degrees retarded relative to production timing as established by Detroit Diesel in its product announcement "Injection Timing Retard Instruction Conformance With The SCAQMD's General Permit Registration Program 6V92TA Generator Set Engine Model 8063-7416".

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition: D80]

Section D Facility I.D.:

D.: 800335 f: DRAFT

Revision #: Date:

February 12, 2008

Page: 38

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E193.2 The operator shall operate and maintain this equipment according to the following specifications:

The fuel injection timing of this engine shall be set and maintained at 4 degrees retarded relative to production timing as established by Perkins in its Products Announcement Procedures For Engine Model 4.236T For Conformance With The SCAQMD s General Certified Equipment Registration Program.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition: D82, D83, D84, D85]

E193.3 The operator shall operate and maintain this equipment according to the following specifications:

The fuel injection timing of this engine shall be set and maintained at 4 degrees retarded relative to production timing as established by Caterpillar product news bulletin "Requirements To Comply With SCAQMD Certified Equipment".

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition: D81]

E193.4 The operator shall operate and maintain this equipment according to the following specifications:

All phase I and phase II vapor recovery equipment shall be installed, operated and maintained in accordance with the recommended procedures and schedule of the manufacturer.

The manuals of the equipment or their copies shall be readily accessible on site and made available to District representatives upon request.

[RULE 1401, 6-15-2001; RULE 461, 9-8-1995; RULE 461, 6-15-2001]

[Devices subject to this condition: D93, D94]

Section D Facility I.D.:

Revision #:

DRAFT

Page: 39

800335

Date:

February 12, 2008

### **FACILITY PERMIT TO OPERATE** LA CITY, DEPT OF AIRPORT

#### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E193.5 The operator shall operate and maintain this equipment as follows:

All permit conditions applicable to the equipment described in the previous permit to operate N9852 shall remain in effect until the new or modified equipment is constructed and operated as described in this new permit. This permit to construct-operate shall become invalid if the modification as described in the equipment description has not been completed within one year from the issue date.

All phase I and phase II vapor recovery equipment at this facility shall be installed, operated and maintained to meet all California Air Resources Board certification requirements.

[RULE 461, 6-15-2001; RULE 461, 6-3-2005]

[Devices subject to this condition: D38, D39, D40, D90, D91]

E202.1 The operator shall clean and maintain this equipment according to the following specifications:

The filter catridges shall be cleaned at least once a month

Dust collected from this equipment shall be discharged only into enclosed containers

[RULE 402, 5-7-1976]

[Devices subject to this condition: C116]

#### H. Applicable Rules

Page: 40 800335 DRAFT February 12, 2008

evision#: are: Feb

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415
Refrigerants	40CFR82, SUBPART	F

[RULE 1415, 10-14-1994; 40CFR 82 Subpart F, 5-14-1993]

[Devices subject to this condition: E64]

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1411
Refrigerants	40CFR82, SUBPART	В

[RULE 1411, 3-1-1991; 40CFR 82 Subpart B, 7-14-1992]

[Devices subject to this condition: E65]

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
CO	District Rule	1146.2

[RULE 1146.2, 1-7-2005]

[Devices subject to this condition: E115]

#### J. Rule 461

 Section D
 Page: 41

 Facility I.D.:
 800335

 Revision #:
 DRAFT

 Date:
 February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

J109.1 The operator shall use, except for diesel transfer, the phase I vapor recovery system in full operation whenever this equipment is in use. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1401, 6-15-2001; RULE 461, 6-15-2001; RULE 461, 6-3-2005]

[Devices subject to this condition: D40, D93, D94]

J110.1 The operator shall use, except for diesel transfer, the phase II vapor recovery system in full operation whenever gasoline from this equipment is dispensed to motor vehicles as defined in Rule 461. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1401, 6-15-2001; RULE 461, 6-15-2001; RULE 461, 6-3-2005]

[Devices subject to this condition: D38, D39, D90, D91, D93, D94]

J110.2 The operator shall use, except for diesel transfer, the phase II vapor recovery system in full operation whenever methanol from this equipment is dispensed to motor vehicles as defined in Rule 461. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[RULE 461, 6-15-2001; RULE 461, 6-3-2005]

[Devices subject to this condition: D38, D39, D90, D91]

J120.1 The operator shall have at least one fuel storage tank at this facility that is methanol compatible and that is U.L. approved for methanol use.

[RULE 1170, 5-6-1988]

[Devices subject to this condition: D40]

J122.1 The operator shall use only methanol-compatible seals, fittings, and piping for receiving and dispensing methanol.

[RULE 1170, 5-6-1988]

[Devices subject to this condition: D40]

Page: 42 800335 DRAFT

February 12, 2008 Date:

### **FACILITY PERMIT TO OPERATE** LA CITY, DEPT OF AIRPORT

#### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

J123.1 The operator shall not dispense fuel from this equipment into motor vehicles.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition: D31, D32]

- J373.1 The operator shall comply with the following gasoline transfer and dispensing requirements:
  - a). The Phase II vapor recovery systems shall be installed, operated, and maintained such that the maximum allowable pressure through the system including nozzle, vapor hose, swivels, and underground piping does not exceed the dynamic back pressures described by the California Air Resources Board (CARB) Executive Order by which the system was certified:

Nitrogen Flowrates (CFH) Dynamic Back Pressure (Inches of Water)

> 60 0.35 80 0.62

As required by AOMD Rule 461 or CARB Executive Order, dynamic back pressure tests shall be conducted to determine the Phase II system vapor recovery back pressures. The tests shall be conducted in accordance with CARB Test Procedure Method TP-201.4. Results shall be submitted to the AQMD, Engineering and Compliance, within 48 hours of tests.

The AQMD shall be notified by e-mail at R461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least seventy two (72) hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the dynamic back pressure test.

The test shall be conducted as frequently as that required by the most recent amendment to Rule 461 or CARB Executive Order requirements, whichever is more stringent.

[RULE 461, 6-15-2001; RULE 461, Bellowsless Conditions, 6-3-2005]

[Devices subject to this condition: D38, D39, D90, D91]

Page: 43 800335 DRAFT February 12, 2008

Date

## **FACILITY PERMIT TO OPERATE** LA CITY, DEPT OF AIRPORT

#### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- J397.1 The operator shall comply with the following CARB Executive Order G-70-193:
  - The owner or operator of this equipment shall conduct a physical inspection of the equipment and manually monitor the system gauge levels during gasoline dispensing on a daily operating basis per site. The equipment shall operate within the following gauge levels:

a) Vapor return line vacuum: 35" to 65" wc

b) Gasoline supply pressure: 27 psig to 35 psig

c) Cargo tank pressure: less than 18" wc

All physical inspections and gauge observations shall be recorded in a systems log and be kept on board the mobile fueler at all times.

- If a violation of the gauge ranges specified in conditions 1a, 1b, or 1c occurs, the owner or operator of this equipment shall:
- Record the date, time period, and fuel totalizing meter reading when the system first began to fail to operate within the specified range.
- Record the date and time that contact was made with an authorized representative to have the system inspected and repaired.
- Record the date and time that the authorized representative inspected the system, provide a written description of the repairs performed, and record the fuel totalizing meter reading.
- This equipment shall cease all gasoline dispensing operations when any one of the following conditions 3. occur:
- One of the jet pumps is disabled; a)
- Failing to achieve the minimum operating vacuum of 35" we within five seconds after the system has been activated for three consecutive dispensing episodes;
- A vacuum level below 15" we for more than three seconds after the system has reached 35" we; c)
- A vacuum level above 85" wc during a dispensing episode to non-ORVR vehicles; d)
- Except during testing operations, a closed valve at the vapor return line connection to each jet pump; e)
- A pressure in the cargo tank headspace exceeding 18" wc for more than five minutes (accumulated) f) during any sixty minute gasoline dispensing period;
- Except during repair operations, an open drain valve in the liquid drop out pot; g)
- h) Except during testing operations, a closed drain valve at the liquid drop out pot in the liquid removal

Page: 44 800335 DRAFT February 12, 2008

## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

line:

- Any observation of breaks, cracks, or holes in the tank insulation, which affects the insulating properties or durability of the insulation;
- The accumulated length of all tears of the nozzle boot (including rips, slits, cracks, etc.) exceeds 0.5" in i) length; or
- The faceplate and fill pipe interface cannot achieve a seal of at least 25 percent of the accumulated circumference of the faceplate.
- Within thirty (30) days of initial operation and at least once every twelve months from the previous test, a vapor return line vacuum integrity test shall be conducted and pass in accordance with Exhibit 3 of CARB Executive Order G-70-193. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within forty-eight (48) hours of test.

The AQMD shall be notified at telephone number (909) 396-3886 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator of this equipment; the name of the testing contractor; the location of the mobile fueler; and the scheduled start and completion dates of the vapor return line vacuum integrity test.

Within thirty (30) days of initial operation and at least once every twelve months from the previous test, a fill pipe pressure regulation fueling test shall be conducted and pass in accordance with Exhibit 4 of CARB Executive Order G-70-193. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within forty-eight (48) hours of test.

The AQMD shall be notified at telephone number (909) 396-3886 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator of this equipment; the name of the testing contractor; the location of the mobile fueler; and the scheduled start and completion dates of the fill pipe pressure regulation fueling test.

Within thirty (30) days of initial operation and at least once every twelve months from the previous test, a ten gallon per minute flowrate limitation test shall be conducted and pass in accordance with Exhibit 5 of CARB Executive Order G-70-193. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within forty-eight (48) hours of test.

The AQMD shall be notified at telephone number (909) 396-3886 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator of this equipment; the name of the testing contractor; the location of the mobile fueler; and the scheduled start and completion dates of the ten gallon per minute limitation test.

The individual and company performing any maintenance on any part of the vapor recovery system shall provide at a minimum for the owner or operator of the mobile fueler, a chronological record consisting of the following information for the mobile fueler's maintenance log. The date of service, name of maintenance technician, a contact phone number, a description of and location of any equipment replaced including appropriate test results, and a description of the system problems repaired.

Section D Facility I.D.:

Page: 45 800335 DRAFT February 12, 2008

Date:

Revision #:

## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- A current CARB certification decal shall be displayed on the mobile fueler in a manner approved by the executive officer.
- Except for necessary inspections due to equipment failures, and for scheduled maintenance and repairs; the mobile fueler dome hatch shall remain closed and latched at all times. Furthermore, the mobile fueler dome hatch shall remain closed and latched until the head space pressure is less than 2" wc.
- All physical inspection and gauge observation records; all test results; and all maintenance records as required by this CARB Executive Order shall be prepared, shall be retained for five years, and shall be kept within the mobile fueler and made available to district representatives upon request.
- In case of demonstrated need to fuel service equipment in the field, this mobile fueler maybe used to fuel motor vehicles off site. If the period of off site fueling will exceed four days, the AQMD shall be notified via telephone at (877) 810-6995 with the following information:
- a) the permit number of the mobile fueler;
- b) the name and phone number of a contact person;
- c) the location where the mobile fueler will be operated;
- d) the estimated time the mobile fueler will be located at this site; and
- e) the distance to the nearest sensitive receptor if located within 1/4-mile of a long-term health care facility, rehabilitation center, convalescent center, retirement home, residence, school, playground, child care center, and atheltic facility.

The operator shall operate the mobile fueler in accordance to all of the previously mentioned permit conditions. In addition, the operator shall record the amount of gasoline fuel dispensed while the mobile fueler was located off site, and include this amount as part of their monthly and annual throughput totals.

[RULE 461, 6-15-2001; RULE 461, 6-3-2005; CARB ORDER G-70-193 (H&S Code 39607(d)), 4-21-2000]

[Devices subject to this condition: D93, D94]

#### K. Record Keeping/Reporting

800335 DRAFT

Date

February 12, 2008

## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

#### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition: E66]

K67.6 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

monthly and annual fuel received and dispensed

test results

inspection and maintenance

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 461, 6-15-2001; RULE 461 6-3-20051

[Devices subject to this condition: D38, D39, D40, D90, D91]

K67.10 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The firing rates of lead and, or non-lead bullets on applicable daily, monthly, and yearly basis as required

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 5-2-2003]

[Devices subject to this condition: D110, D111]

Page: 47 800335 DRAFT

Date:

February 12, 2008

## **FACILITY PERMIT TO OPERATE** LA CITY, DEPT OF AIRPORT

#### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K67.11 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

date of operation

hours of operation, rounded up to one-quarter of an hour

accumulative monthly operating hours

operation log shall be kept on site for at least five years and made available to District personnel upon requested

[RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition: D112]

K67.12 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The date of operation

Indication of whether the engine is started manually or automatically

Time reading in hours at the beginning and end of operation

The elapsed time in hours

The reason for opertion

The annual total hours of operation (include hours for manual and automatic operation) which shall be recorded no later than January 15th of the following year

The records shall be kept for a minimum of five calendar years prior to the current year and made available to District personnel upon request.

[RULE 1110.2, 6-3-2005; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1470, 6-1-2007; RULE 2005, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition: D1, D3, D4, D7, D8, D10, D11, D12, D13, D14, D16, D17, D19, D25, D26, D56, D58, D63, D80, D81, D82, D83, D84, D85, D86, D87, D88, D89, D92, D101, D103, D121, D124, D125]

Page: 48 800335 DRAFT

evision #: DRAFT ate: February 12, 2008

# FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

#### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K67.13 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Equipment cleaning dates

Records shall be kept for minimum 5 years and made available to District personnel upon request

[RULE 402, 5-7-1976]

[Devices subject to this condition: C116]

K67.15 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Monthly throughput of jet A fuel being transferred at this terminal

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition: D122]